



## Career Pathway Plan of Study

### Health Science Cluster: Diagnostic Services Pathway



Career & Technical Education  
www.doe.state.in.us/cte

**Indiana Department of Education**

Requirements for Core 40						CTE Course Sequences for Core 40 + Technical Honors Diploma		
	GRADE	English/ Language Arts	Math	Science	Phys Ed, Health, Social Studies	Course Sequence for This Pathway (Strongly Recommended Electives & Directed Electives)	Additional Recommended Courses That Support This Pathway	SAMPLE Occupations for This Pathway
SECONDARY	9	English 9	Algebra I	Biology I	Physical Education	Integrated Health Science I*	Orientation to Life and Careers Interpersonal Relationships	Occupations Requiring Less than Baccalaureate Degree ▶ Cardiovascular Technologist ▶ Central Supply Technician ▶ Clinical Lab Technician ▶ Computer Tomography (CT) Technologist ▶ Diagnostic Medical Sonographer ▶ Electrocardiographic (ECG) Technician ▶ Histotechnician ▶ Magnetic Resonance (MR) Technologist ▶ Mammographer ▶ Nuclear Medicine Technologist ▶ Pathology Assistant ▶ Phlebotomist ▶ Positron Emission Tomography (PET) Technologist ▶ Radiologic Technologist/ Radiographer  Occupations Requiring Baccalaureate Degree ▶ Cytogenetic Technologist ▶ Cytotechnologist ▶ Exercise Physiologist ▶ Geneticist ▶ Histotechnologist ▶ Medical Technologist/Clinical Laboratory Scientist ▶ Nutritionist ▶ Pathologist ▶ Radiologist
	10	English 10	Geometry	Chemistry or Physics or ICP	World Hist/Civil OR Geog/Hist of Wld	Integrated Health Science II*	Medical Terminology Human Development and Family Wellness	
	11	English 11	Algebra II	Anatomy & Physiology	US History	Introduction to Health Care Systems	Nutrition and Wellness Advanced Nutrition and Wellness	
	12	English 12			Govt/Econ	Introduction Course Health Career Practicum	Child Development Advanced Child Development	
*Form is interactive; click on each box above to add Academic Honors courses or customize for your school or for individual students.						*meets state requirements for Health & Wellness		
POSTSECONDARY	Year 13							
	Year 14							
	Year 15							
	Year 16							

[www.careerclusters.org](http://www.careerclusters.org)

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